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# Event Types – 2

*Update on last talk*

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# Motivation

- Showed plots of neutrino-lepton angle, vertex multiplicity, etc for CCmu and CCe events in Emulsion, Steel and Base at the last meeting
  - Byron(?) remarked that we feed a “mushed” A,Z to Lepto for interactions in emulsion
    - The correct way is to feed the A,Z for each elemental component of emulsion in the appropriate ratio
  - Does this matter?
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# MC changes

- Also noticed that Steel is not Fe
    - Modified MC geometry file to change target Fe to 304 SSTL (72% Fe, 18% Cr, 10% Ni)
  - Hard-coded the molecular fractions of emulsion and 304 SSTL in evprvx to select A,Z
  - Results in the attached file embafe.ps
  
  - No significant differences between Data vs MC and Data-Emulsion vs Data-304SSTL
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